**CBUS 214: Spreadsheet Applications for Business**

**Lab Assignment 8**

1. Create New Worksheet.
2. Write the following data Starting from row A1:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Item Description** | **Section** | **Quantity** | **Price** | **Total** | **Discount Amount** | **Gift Card** |
| A10001 | Paints Brushes | Art Supplies | 6 | $ 40 |  |  |  |
| A10002 | White Board | Art Supplies | 2 | $ 100 |  |  |  |
| B20001 | Succeed skills Book | Books | 6 | $ 20 |  |  |  |
| C30002 | Toshiba Laptops | Computers | 2 | $ 800 |  |  |  |
| V40005 | Cars Games | Video Games | 4 | $ 30 |  |  |  |

1. In Total Columns (Column F),Calculate the total Price by the following formula:

Total = Quantity \* Price

1. In “Discount Amount ” Column (Column G), Use **IF** Function with **AND** Function to test if the Section name = “Art Supplies ” and Item quantity >5 .

If the Condition is True , Discount amount will be calculated (Total \* 20%).

IF the condition is False, “No Discount” is written.

1. In “Gift Card ” Column (Column H), Use **IF** Function with **OR** Function to test if the Section Item quantity >5 or price >100 .

If the Condition is True , gift card will be “Yes”

IF the condition is False, “No” is written.

1. By Using the Conditional Format , create a new rule that highlight the total (F2:F6) that’s greater than 200 , the format will be a green fill color.
2. Add **IFError** Function to divide price/Quantity. IF There is an error , “Invalid” will be displayed.
3. In range B9 and B10 write the following data:

|  |  |
| --- | --- |
| Total Sales for Computers Section |  |
| Number of items sold from books Section |  |

1. In C9 , Calculate the total sales for Computer Section Only by using “SUMIF”.
2. In C10 , Calculate the number of items sold from books section by using “COUNTIF”